

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 134720

Friday, July 17, 2015 8:04:16 AM

134720

Page 2

Item ID: K10019 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Bracket Assembly
 Start Date: 7/17/2015 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/17/2015 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC3- Inspect Part Finish	0.00							DAS 38 9-89
130									
QC	Memo	0.00							
Quality Control									OCT 05 2015
140		0.00							
140	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP K10019								
	Location: _____								
	PPP Rev: _____								
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00							
Quality Control									

PPP 134717

PPP 134754

1 SimB
15/10/15

ML5

OCT 06 2015

ML5 OCT 06 2015

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Picklist Print

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Page 1

Work Order ID: 134720

134720

Parent Item: K10019

K10019

Parent Item Name: Bracket Assembly

Start Date: 7/17/2015

Required Date: 7/17/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP: A 08.07.24 new issue EC verified by DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2195-1 *D2195-1* Bracket		Manufactured	No			100	Each	2.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST004				2					
				124808				2					
D2195-2 *D2195-2* Bracket		Manufactured	No			100	Each	2.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST004				2					
				124810				2					
D2195-3 *D2195-3* Spacer		Manufactured	No			100	Each	8.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				Mezz				8					
				124761				6					
				124811				2					
D2196-1 *D2196-1* Bracket		Manufactured	No			100	Each	2.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST004				2					
				124812				2					

SEP 2 8 2015

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Work Order ID: 134720

134720

Parent Item: K10019

K10019

Parent Item Name: Bracket Assembly

Start Date: 7/17/2015

Required Date: 7/17/2015

Start Qty: 1.00

Required Qty: 1.00

D2196-2

Manufactured No

100

Each

2.0000

1

1

D2196-2

Bracket

**

BAS
27
9-89

Location

Loc Qty

Loc Code

ST004

2

124813

2

D2196-3

Manufactured No

100

Each

3.0000

1

1

D2196-3

Spacer

**

BAS
27
9-89

Location

Loc Qty

Loc Code

Mezz

1

62771

1

ST004

2

124814

2

D2197-1

Manufactured No

100

Each

4.0000

1

1

D2197-1

Bracket

**

BAS
27
9-89

Location

Loc Qty

Loc Code

ST004

4

124815

4

D2197-2

Manufactured No

100

Each

2.0000

1

1

D2197-2

Bracket

**

BAS
27
9-89

Location

Loc Qty

Loc Code

Mezz

2

62386

2

SEP 28 2015

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134720

Parent Item: K10019

K10019

Parent Item Name: Bracket Assembly

Start Date: 7/17/2015

Required Date: 7/17/2015

Start Qty: 1.00

Required Qty: 1.00

D2197-3 Manufactured No

100 Each 35.0000 1 1

D2197-3

Spacer

DAS
27
9-89

Location

Loc Qty

Loc Code

Mezz

35

124817

9

19154

25

40833

1

MS20470AD4-14 ¹³ ^{DAS 36 9-89} ^{15/10/01} Purchased No

100 Each 59.0000 16 16

MS20470AD4-14

Rivet

DAS
27
9-89

Location

Loc Qty

Loc Code

Mezz

59

1046

37

100059

22

D2198-1 Manufactured No

140 Each 22.0000 6 6

D2198-1

Bracket

DAS
27
9-89

Location

Loc Qty

Loc Code

Mezz

22

124818

4

125741

6

62674

12

D3191-1 Manufactured No

140 Each 7.0000 2 2

D3191-1

Backer Plate

DAS
27
9-89

Location

Loc Qty

Loc Code

Mezz

7

126943

2

40983

3

60867

2

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QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

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Work Order ID: 134720

134720

Parent Item: K10019

K10019

Parent Item Name: Bracket Assembly

Start Date: 7/17/2015

Required Date: 7/17/2015

Start Qty: 1.00

Required Qty: 1.00

D3191-3

Manufactured No

140

Each

8.0000

3

3

D3191-3

Backer Plate

Location

Loc Qty

Loc Code

Mezz

8

126946

2

40984

3

57747

3

B137405

D3191-5

Manufactured No

140

Each

5.0000

1

1

D3191-5

Backer Plate

Location

Loc Qty

Loc Code

Mezz

5

126947

2

62772

3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐				
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval
Description Work Order Deviation				Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY				
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
		OTHER : _____				